Fig.1

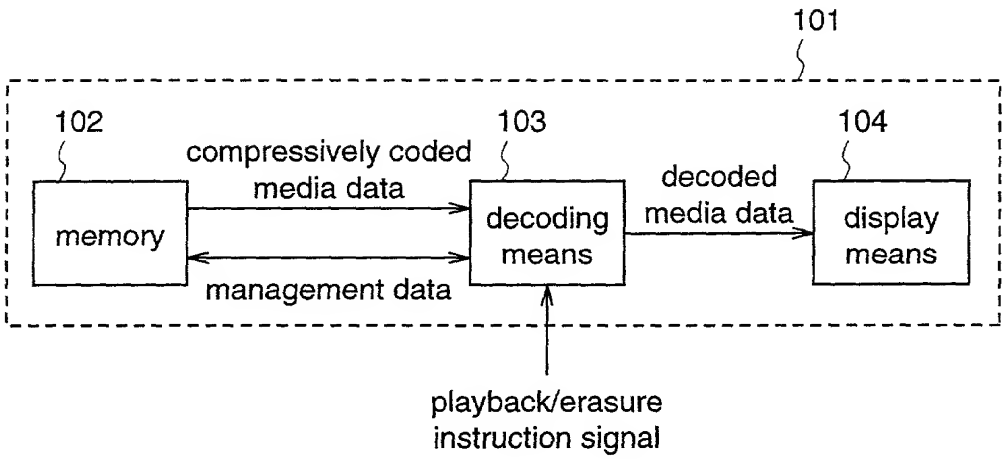
101
102
103
104
compressively coded
media data
decoded
media data
memory
decoding
means
display
means
management data
playback/erasure
instruction signal

Fig.2

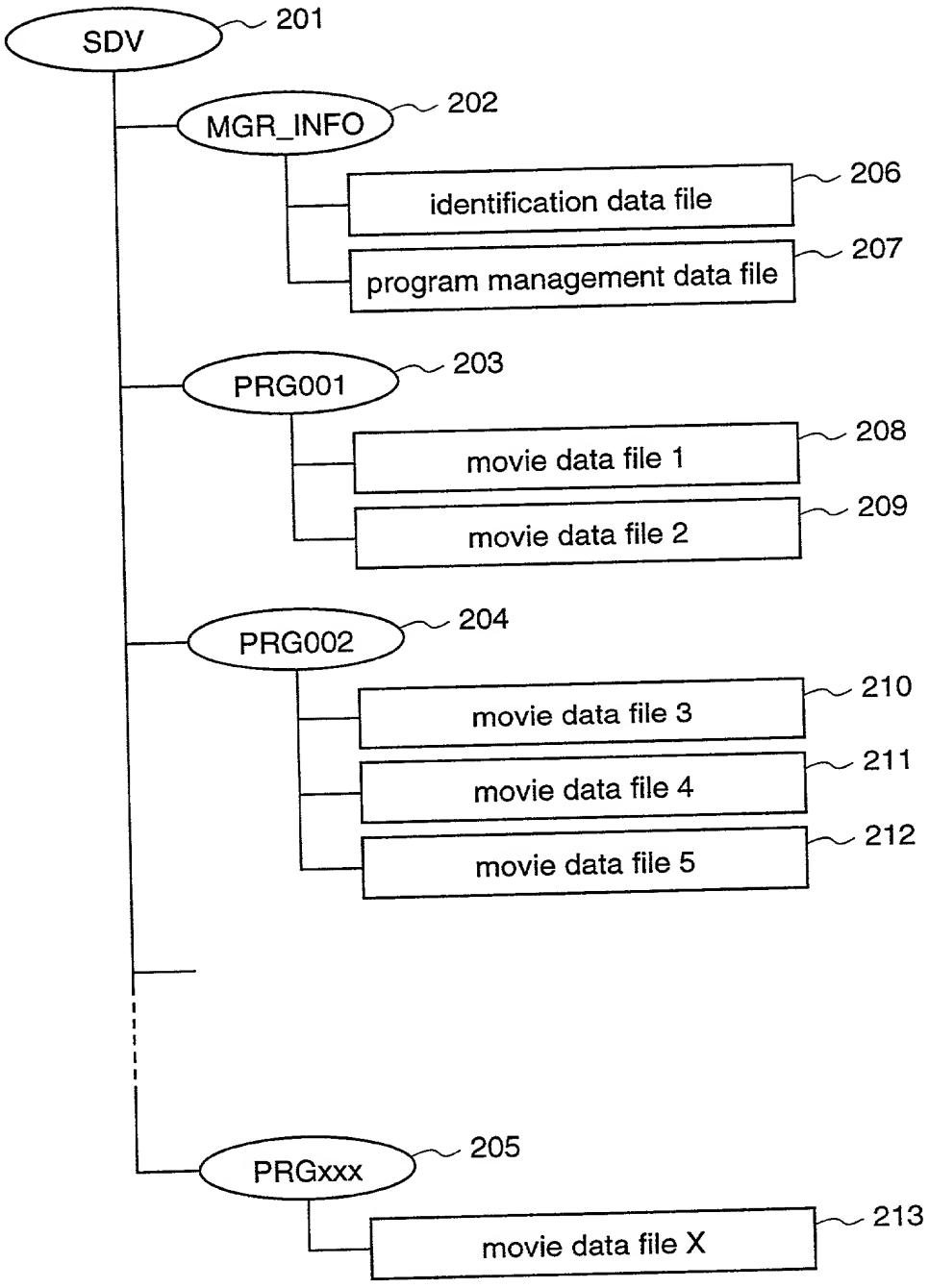
SDV
201
MGR_INFO
202
identification data file
206
program management data file
207
PRG001
203
movie data file 1
208
movie data file 2
209
PRG002
204
movie data file 3
210
movie data file 4
211
movie data file 5
212
PRGxxx
205
movie data file X
213

Fig.3 (a)

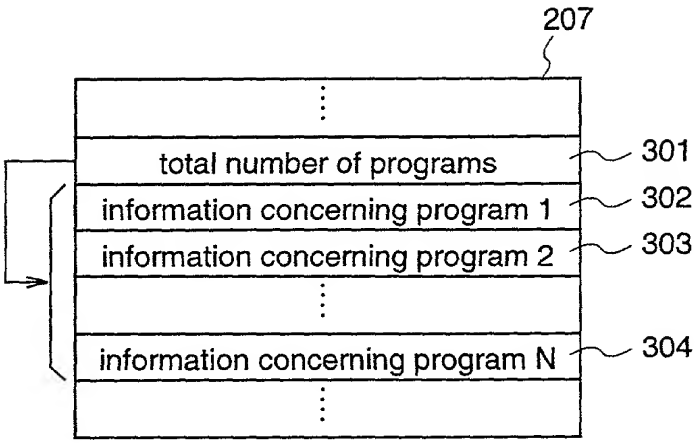
207
total number of programs
301
information concerning program 1
302
information concerning program 2
303
information concerning program N
304

Fig.3 (b)

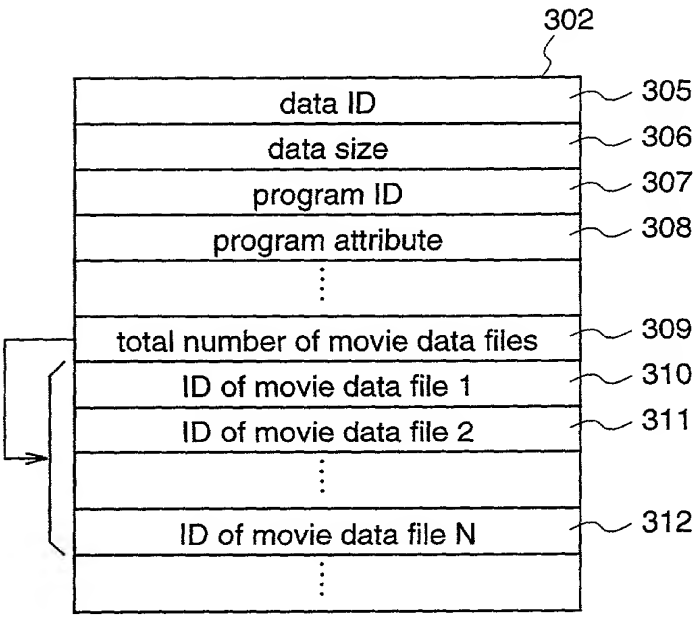
302
data ID
305
data size
306
program ID
307
program attribute
308
total number of movie data files
309
ID of movie data file 1
310
ID of movie data file 2
311
ID of movie data file N
312

Fig.4

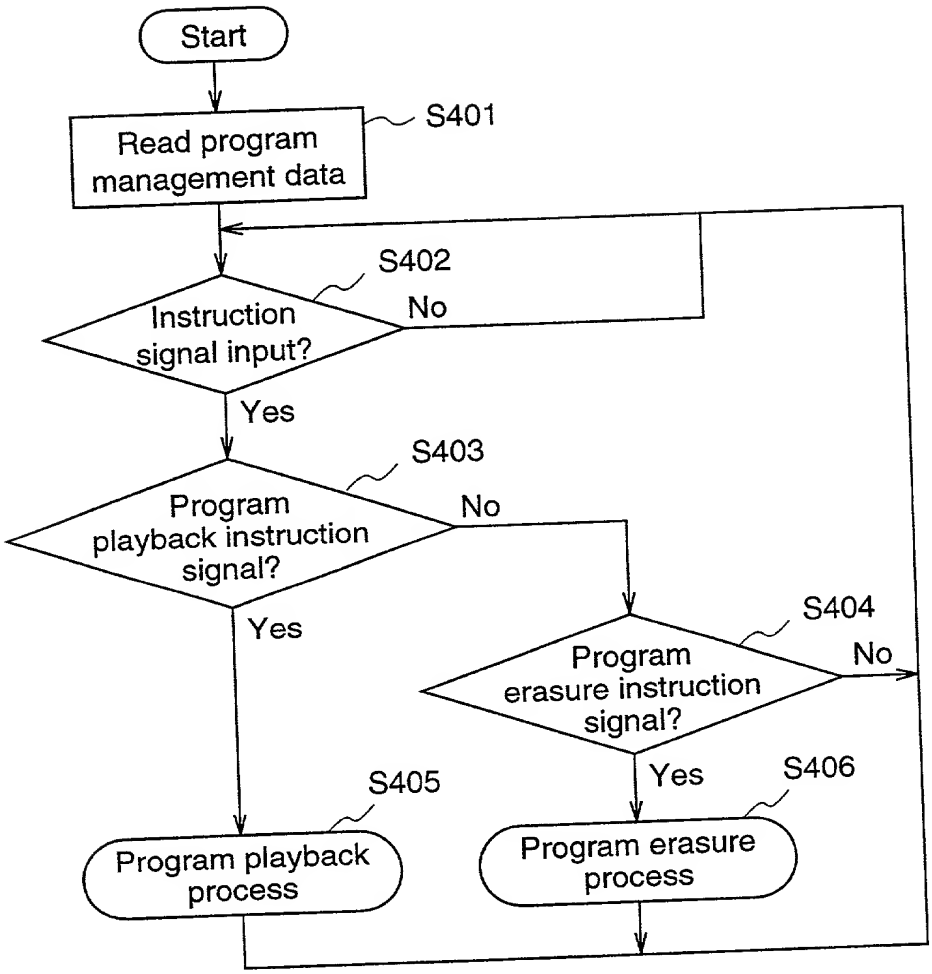
Start
Read program management data
S401
S402
Instruction signal input?
No
Yes
S403
Program playback instruction signal?
No
Yes
S404
Program erasure instruction signal?
No
Yes
S405
Program playback process
S406
Program erasure process

Fig.5

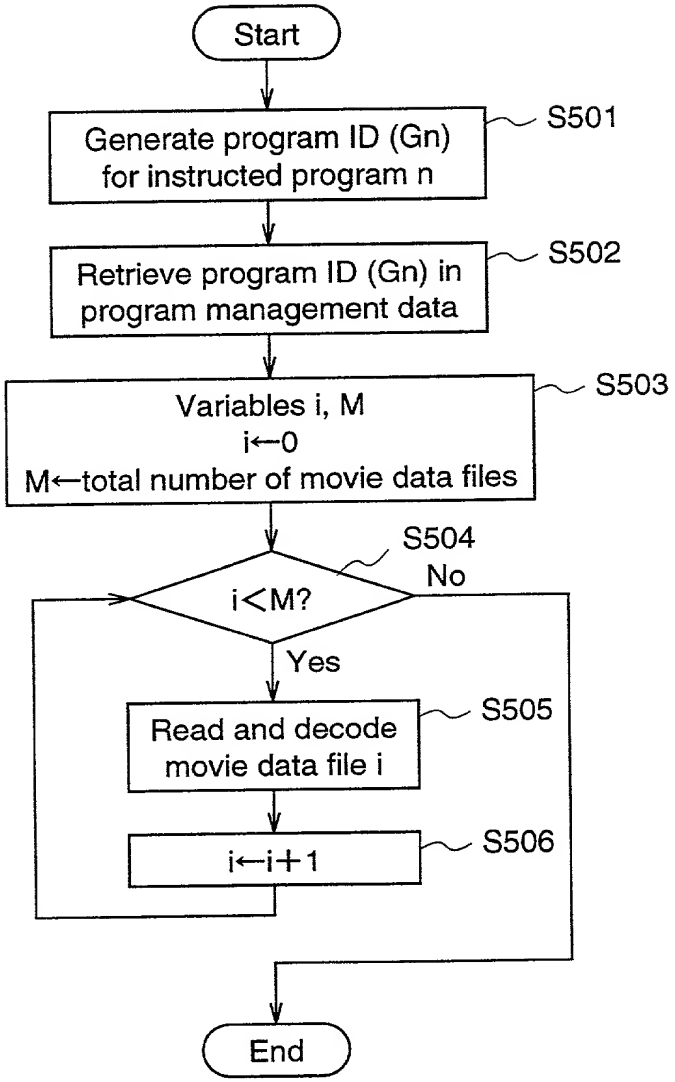
Start
Generate program ID (Gn) for instructed program n
S501
Retrieve program ID (Gn) in program management data
S502
Variables i, M
i←0
M←total number of movie data files
S503
S504
i<M?
No
Yes
Read and decode movie data file i
S505
i←i+1
S506
End

Fig.6

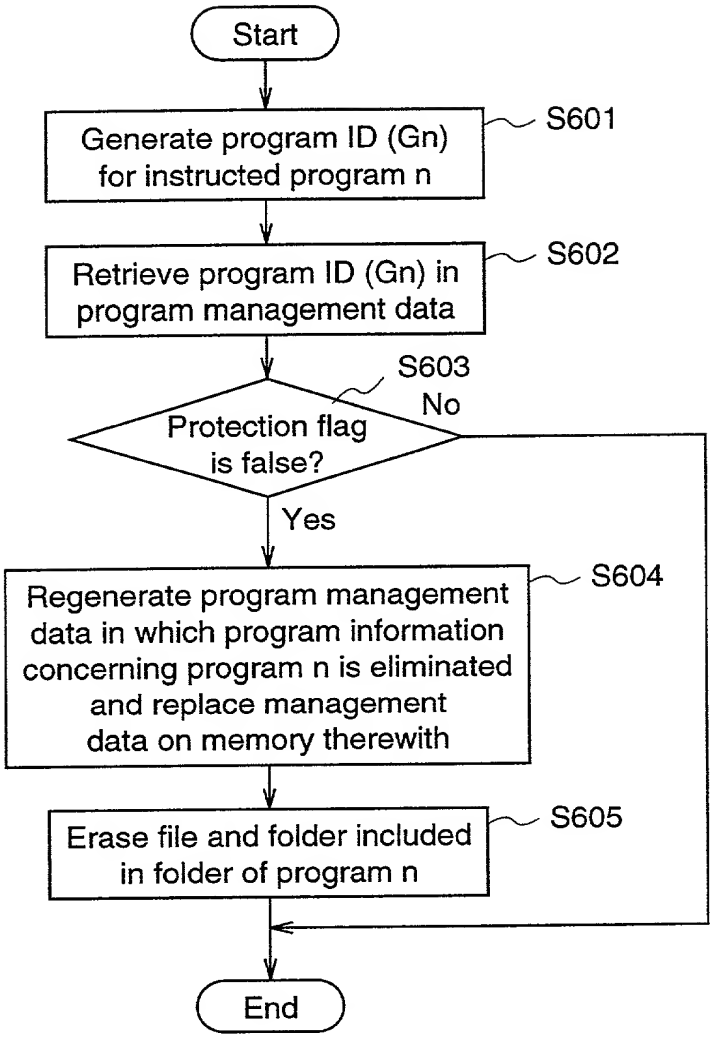
Start
Generate program ID (Gn) for instructed program n
S601
Retrieve program ID (Gn) in program management data
S602
S603
Protection flag is false?
No
Yes
Regenerate program management data in which program information concerning program n is eliminated and replace management data on memory therewith
S604
Erase file and folder included in folder of program n
S605
End

Fig.7

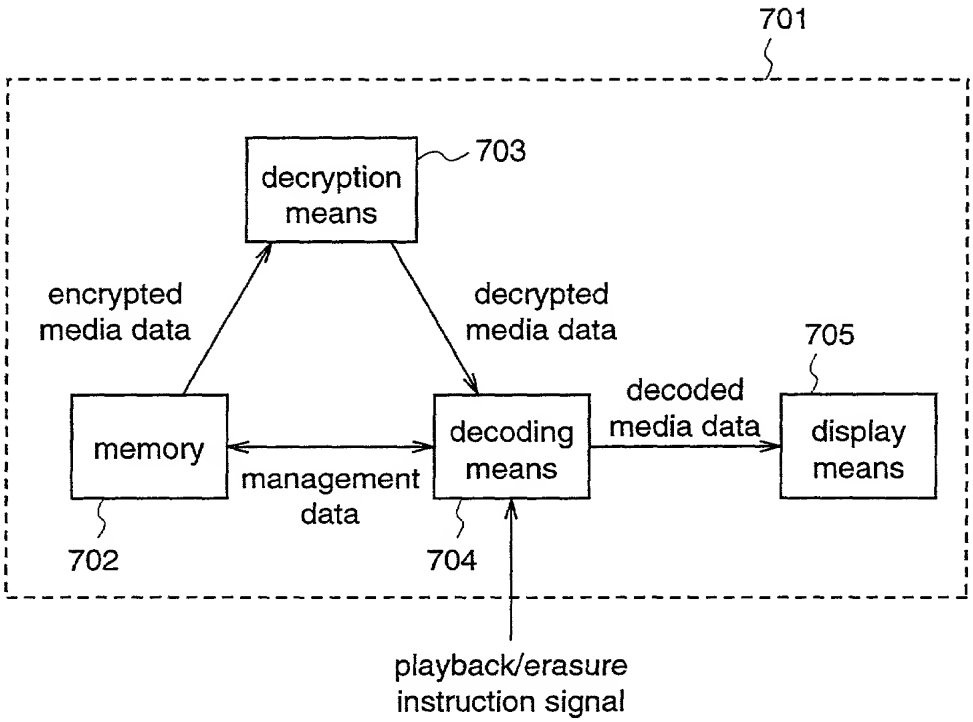
701
decryption means
703
encrypted media data
decrypted media data
705
decoded media data
memory
management data
decoding means
display means
702
704
playback/erasure instruction signal

Fig.8

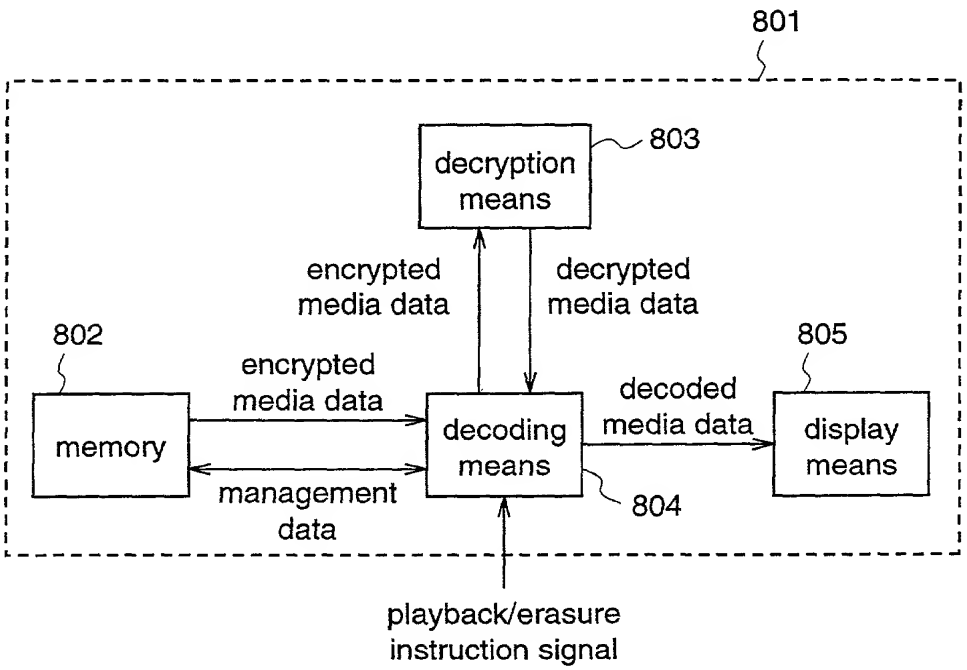
801
decryption means
803
encrypted media data
decrypted media data
802
805
encrypted media data
decoded media data
memory
decoding means
display means
management data
804
playback/erasure instruction signal

Fig.9

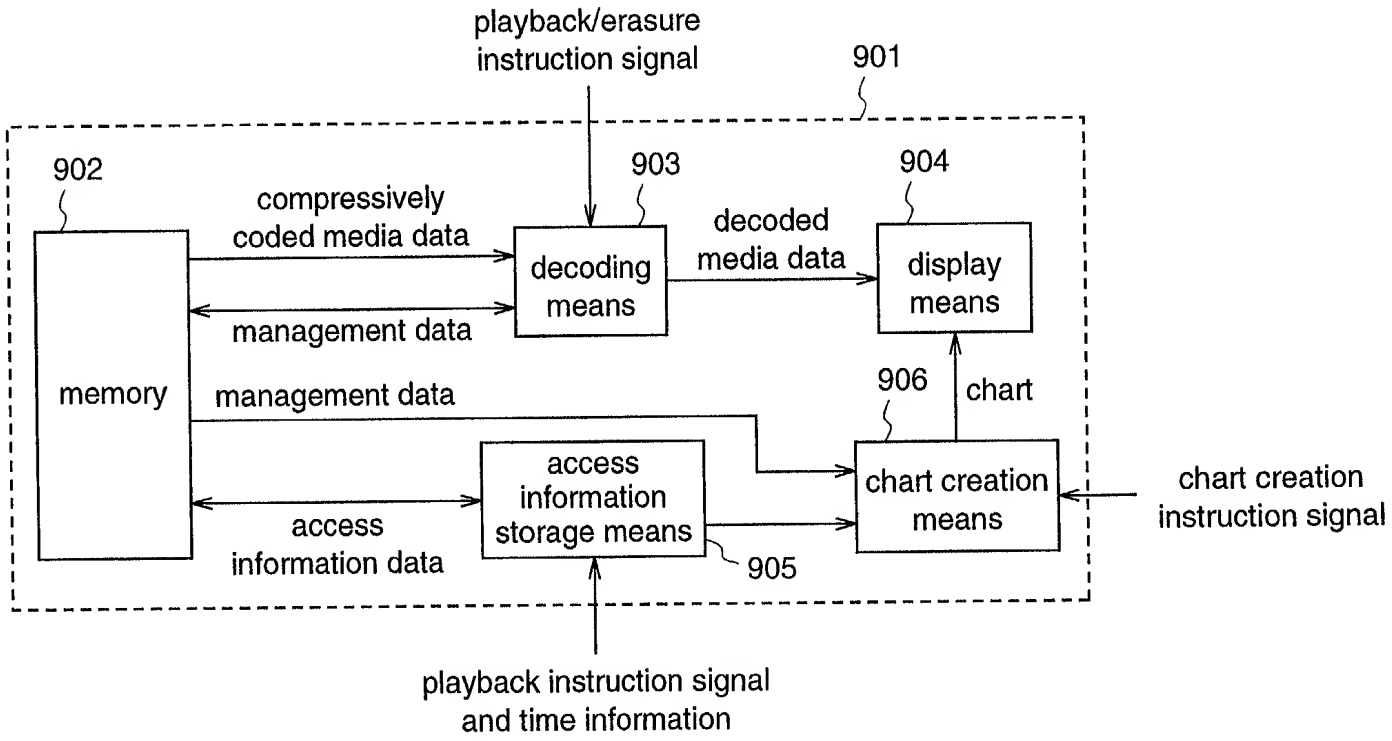
playback/erasure
instruction signal
901
902
903
904
compressively
coded media data
decoding
means
decoded
media data
display
means
management data
memory
management data
906
chart
access
information
storage means
chart creation
means
chart creation
instruction signal
access
information data
905
playback instruction signal
and time information

Fig.10

Example of access information

PRG	Number of accesses	Access data/time
1	2	March 2, 10:05
2	1	March 14, 23:12
3	4	March 8, 06:16
4	3	March 10, 16:24

→

Display example of chart obtained by rearranging programs in order of descending number of accesses

PRG	Number of accesses
3	4
4	3
1	2
2	1

Prior Art

Fig.11 (a)

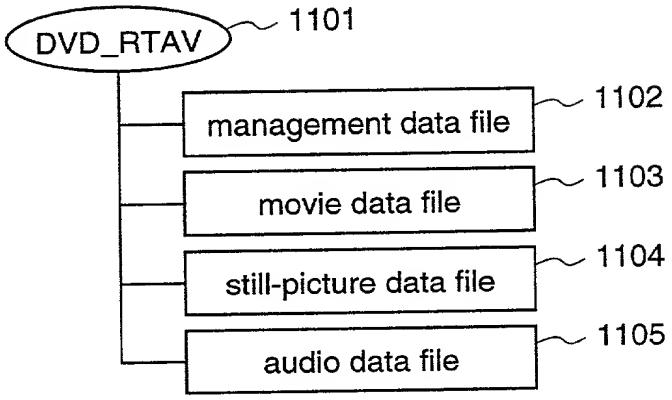

Fig.11 (b)

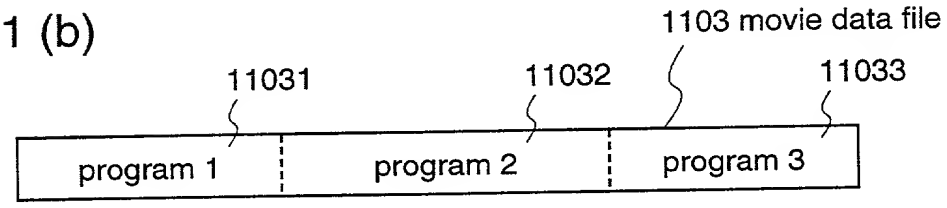

Fig.11 (c)

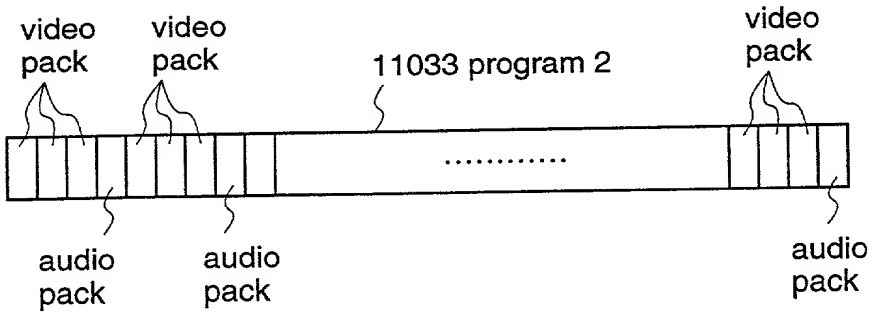

Fig.12 Prior Art

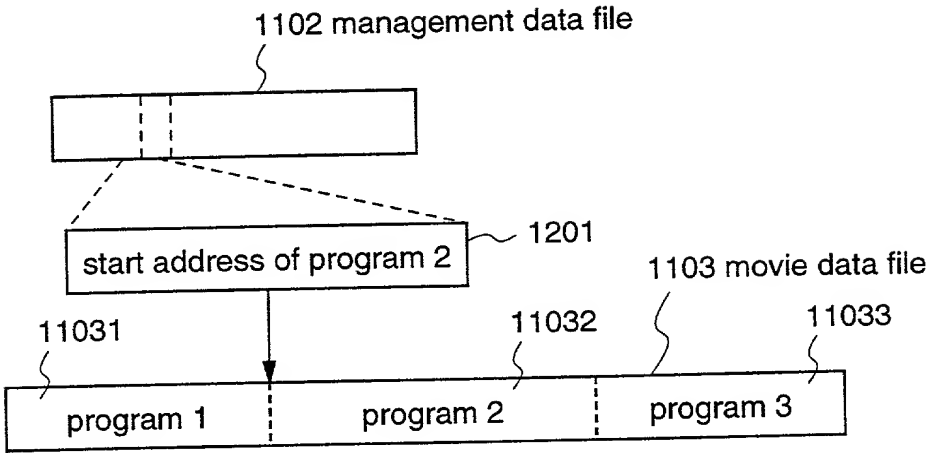
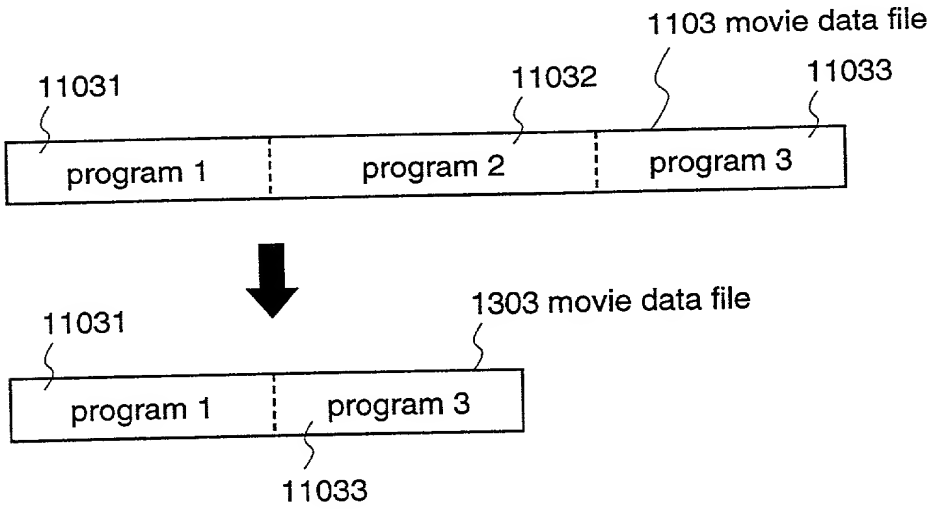
Fig.13 Prior Art